

DATE: 12/22/2009

INVITATION TO BID  
THIS IS NOT AN ORDER

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BID NO.: 50-00096311

## JEFFERSON PARISH

SOLICITATION #B2009000296

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

VENDOR:

BUYER: S. Vasquez

**BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053 UNTIL 2:00 PM, 1/21/2010 AND PUBLICLY OPENED UPON COMPLETION OF ADMINISTRATIVE TASKS.**

**LATE BIDS WILL NOT BE ACCEPTED**

**NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES DISQUALIFY BID.**

### INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

#### THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. THIS BID PACKAGE MUST BE RETURNED IN ITS ENTIRETY.

Questions on this bid are to be faxed to (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH will accept one bid only from each vendor. Items bid must meet or exceed specifications.

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection.

If the bid exceeds \$20,000.00 and the bidder is an agency, corporation, partnership, or other legal entity, the president, vice-president, secretary/treasurer, or an authorized agent, shall sign the proposal, and satisfactory evidence of the authority of the person signing for the agency, corporation, partnership, or other legal entity shall be attached to the proposal.

**AWARD OF CONTRACT:** JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA-R.S.38:2251-2261"

**USE OF BRAND NAMES AND STOCK NUMBERS:** Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

**CANCELLATION OF CONTRACT:** JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

Visit our website at [WWW.JEFFPARISH.NET/BIDS](http://WWW.JEFFPARISH.NET/BIDS)

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

JEFFERSON PARISH requires a firm price. Quoted price will remain firm until \_\_\_\_\_

**PRICES:** Jefferson Parish is exempt from paying sales tax under LSA-RS 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. If a contractor is to act as Purchasing Agent for tax-exempt purposes, the Parish shall specifically state so within this bid specification. All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A117.1-1961).

**RESPONSE TO INVITATION:** If your company is unable to bid on this request, please state your reason on bid form, and return to this office before bid opening date. Failure to do so may result in the removal of your company from Jefferson Parish's vendors list.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 105529 or 105530 dated 5/17/06. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053.

**POSTING OF BIDS:** Non-Advertised bids will be posted on bulletin board in Suite 4400, Jefferson Parish General Government Building, Gretna, LA, for a period of Five (5) working days after opening date.

Advertised bids will be tabulated and a copy forwarded to each responsive bidder.

**ADDITIONAL REQUIREMENTS FOR THIS BID**

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE  
CORRESPONDING INSTRUCTIONS BELOW.

1,2,3,5,6,7,8,9,10,11,12,13,14,15,16

1. All bidders are invited to attend the pre-bid conference. Failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. This conference is held to allow questions to be answered and inspect the site with owner's representative, etc. Failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification (with no additional cost to the owner).
2. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project.
3. A Louisiana state contractor's license may be required in accordance with LSA-R.S. 37:2150 et seq.

**INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS**

4. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
5. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
6. All awards in excess of \$5,000.00 for the construction, alteration, or repair of any public works will be reduced to a formal contract which shall be recorded at the contractor's expense. A price list of recordation costs may be obtained from the Clerk of Court and Ex-officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 reduced to formal contract will require a performance bond.
7. A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. Performance bond shall be supplied at the signing of the contract.
8. Please indicate if you have insurance: YES \_\_\_\_\_ NO \_\_\_\_\_  
Successful bidder will be required to furnish proof of insurance to this office.  
Successful bidder will be required to furnish Federal I.D. Number.
9. Minimum insurance requirements for this bid are as indicated on the attached sheet.
10. Each bid must be accompanied by a cashier's check, certified check, money order, or surety bid bond in the amount of 5% of the bid.
11. Affidavit required to be submitted with bids on all solicitations for construction, alteration or demolition of public building or project. (LSA-R.S. 38:2224)
12. This is a requirements contract to be provided on an as needed basis.
13. All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES \_\_\_\_\_ NO \_\_\_\_\_

MAXIMUM ESCALATION PERCENTAGE REQUESTED \_\_\_\_\_%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF \_\_\_\_\_.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

14. In the event that the successful bidder cannot furnish a specific item or material and labor in the required time, JEFFERSON PARISH may purchase on an emergency basis from the next lowest bidder, or available source, until such time as the successful bidder has notified the PARISH in writing that his stock or labor capability has been replenished. The difference in price will be charged against the successful bidder of this contract, and evidence of purchases and price will be provided.
15. Vendor will be required to submit to the chief buyer of the JEFFERSON PARISH Purchasing Department a quarterly usage report by item of all items listed on this proposal.
16. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be disqualified if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.

## INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

**DELIVERY: FOB JEFFERSON PARISH**

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES \_\_\_\_\_

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK \_\_\_\_\_

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK \_\_\_\_\_

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) \_\_\_\_\_

**\*\*\* ALL BIDDERS MUST COMPLETE SECTION BELOW \*\*\***

FIRM NAME: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TITLE: \_\_\_\_\_

(Must be signed here)

PRINT OR TYPE NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE: \_\_\_\_\_

ZIP: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

FAX: \_\_\_\_\_

( )

( )

EMAIL ADDRESS: \_\_\_\_\_

TOTAL PRICE OF ALL BID ITEMS: \$ \_\_\_\_\_

**THIS BID MUST BE SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE COMPANY/FIRM FOR BID TO BE VALID. BID PACKAGE, INCLUDING INSTRUCTIONS AND SPECIFICATIONS, MUST BE RETURNED IN ITS ENTIRETY FOR BID TO BE VALID. SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.**

**NOTE: All bids should be returned with the bid number and bid opening date indicated on the outside of the envelope submitted to the Purchasing Department.**

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			<p>A ONE (1) YEAR CONTRACT FOR DRAINAGE MAINTENANCE CONSTRUCTION (EAST AND WEST JEFFERSON) FOR THE JEFFERSON PARISH DEPT. OF PUBLIC WORKS, DRAINAGE AND ALL JEFF. PARISH AGENCIES &amp; MUNICIPALITIES</p> <p>A PERFORMANCE BOND OF \$1,000,000.00 IS REQUIRED.</p> <p>A LOUISIANA STATE CONTRACTOR LICENSE IS REQUIRED IN THE CATEGORY OF: MUNICIPAL AND PUBLIC WORKS CONSTRUCTION</p>		
1	700	TN	<p>0010 Bituminous Hot-Mix Asphalt Binder course (Type 3)</p> <p>Section 1- Asphaltic Pavement ABOVE ITEM (See general specs 3.01)</p> <p>Section 2- Portland Cement Concrete Paving (See general specs 3.02)</p>		
2	123	SQYD	0015 Furnish and Install 6 X 12 X 0/1 Steel Mesh for Concrete Pavement		
3	45	SQYD	0018 Handicap Ramp According to Parish Handicapped Requirements		
4	266	SQYD	0020 P.C.C. 4in.Thick,4000 psi, 3 days 7 sack minimum, in place		
5	402	SQYD	0025 P.C.C. 6in. Thick High Early 4000 PSI- 3 Days, 7 sack minimum In Place		
6	1020	SQYD	0030 P.C.C. 7in. Thick High Early 4000 PSI - 3 Days, 7 Sack Minimum, In Place		
7	2573	SQYD	0035 P.C.C. Additional vertical inch thickness of concrete, greater		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			than 7in. thickness, high early 4000 PSI, 3 days, 7 sack minimum in place.		
8	1	EA	0040 Drilled and Grouted Dowels, 1/2 in. Diameter for Pavement, Sidewalk and Curb and Gutter		
			Section 3 - Curb and Gutter (See general specs 3.03)		
9	1	LF	0055 P.C.C. 8in. Barrier Curb and Gutter		
10	210	LF	0060 P.C.C. 6in. Barrier		
11	1	LF	0065 P.C.C. 6in. Barrier Curb and Gutter		
12	215	LF	0070 P.C.C. 5 in. Rollover		
13	33	LF	0075 P.C.C. 5in. Rollover Curb and Gutter		
			Section 4 - Excavation & Fill Material (See general specs 3.04)		
14	1155	CUYD	0080 Earthwork Excavation (Net Section)		
15	80	CUYD	0085 Top Soil (Vehicular Measurement)		
16	3630	CUYD	0096 Granular Material (Vehicular Measure) Pumped Sand.		
17	5874	TN	0105 Limestone no. 57 Vehicular Measure)		
18	612	SQYD	0115 Sod - St. Augustine or Centipede Grass		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
19	220	LB	0120 Seeding		
20	220	LB	0125 Fertilizer		
21	1	SQYD	0130 Jute Fabric-Over Seeded Area Slopes and Banks		
			Section 5 - Drain Pipe Installation (See general specs 3.05)		
22	728	LF	0135 12in.RCP,C-76, Class III Installed		
23	94	LF	0140 15in. RCP,C-76,Class III Installed		
24	161	LF	0145 18in. RCP C-76 Class III Installed		
25	1	LF	0150 21in. RCP C-76 Class III Installed		
26	1	LF	0155 24in. RCP,C-76 Class III Installed		
27	1	LF	0160 27in. RCP,C-76 Class III Installed		
28	184	LF	0165 30in. RCP,C-76 Class III Installed		
29	163	LF	0170 36in. RCP,C-76 Class III Installed		
30	1	LF	0175 42in. RCP,C-76 Class III Installed		
31	431	LF	0180 48in. RCP,C-76 Class III Installed		
32	1	LF	0185 54in. RCP C-76 Class III Installed		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
33	245	LF	0190 60in. RCP C-76 Class III Installed		
34	1	LF	0195 72in. RCP C-76 Class III Installed		
35	75	LF	0215 13-1/2in.x 22in.RCAP C-76 Class III Installed		
36	150	LF	0225 18in.x 28-1/2in.RCAP C-76 Class III Installed		
37	625	LF	0230 22-9/16in.X 36-1/4in. RCAP, C-76 Class III Installed		
38	425	LF	0235 26-5/8in.X 43-3/4in. RCAP C-76 Class III Installed		
39	170	LF	0240 31-5/16in.X 51-1/8in. RCAP, C-76, Class III Installed		
40	675	LF	0245 36in.X 58-1/2in. RCAP, C-76, Class III Installed		
41	130	LF	0250 40-1/4in.X 65in. RCAP, C-76, Class III Installed		
42	1	LF	0255 45in.X 73-1/2in. RCAP C-76 Class III Installed		
43	600	LF	0260 54in.X 88in., RCAP, C-76 Class III Installed		
44	410	LF	0285 15in. PVC, Installed		
45	1	LF	0290 18in. PVC, Installed		
46	1	LF	0295 24in. PVC Installed		



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
47	1	LF	0300 30 in. PVC, Installed		
48	120	LF	0310 36 in. PVC, Installed		
			Section 6 - Drain Structures (See general specs 3.06)		
49	1	LF	0470 4ft. Span X 4ft. Rise, Conc. U Channel		
50	1	LF	0475 6ft. Span X 4ft. Rise Conc. U Channel		
51	1	LF	0480 8ft Span X 4ft. Rose Conc. U Channel		
52	1	LF	0485 8ft. Span X 5ft. Rise Conc. U Channel		
53	1	LF	0490 10ft. Span X 4ft. Rise Conc. U Channel		
54	1	LF	0495 10ft. Span X 5ft. Rise Conc. U Channel		
55	1	LF	0500 6ft.Span X 4ft.Rise Precast Conc. Box		
56	3000	LF	0510 8ft.Span X 4ft.Rise Precast Conc. Box		
57	1	LF	0515 6ft.Span X 6ft.Rise Precast Conc. Box		
58	1	LF	0516 8ft Span x 8ft Rise Precasr Conc. Box		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
59	1	EA	0520 Install new drainage manhole with discharge pipe 24in. or less,depth not less than 3ft. deep but not greater than 7 ft deep, to include casting, cover and all fill and bedding as defined on JP Drainage Standard drawing.		
60	1	EA	0522 Install new drainage manhole with discharge pipe greater than 24 in. and equal or less than 30 inches in diameter, depth not less than 3ft. deep but not greater than 7ft deep, to include casting, cover and all fill and bedding as defined on JP Drainage Standard Drawing		
61	15	EA	0524 Install new drainage manhole with discharge pipe equal to 36 in. depth not less than 3ft. deep but not greater than 7 ft deep, to include casting,cover and all fill and bedding as defined on JP Drainage Standard Drawings		
62	1	LF	0532 Install each additional foot of depth of manhole added to item #s 520,522 & 524 as defined on JP Drainage Standard Drawing		
63	1	EA	0538 Install concrete boxing for manhole as specified in the JP Drainage Standard Drawing		
64	45	EA	0540 Furnish and install square grate drop inlet with appropriate grate and grate frame for culvert size 12in, 15in and 18in dia (discharge pipe), Box height from 3ft up to 7ft. To include all fill and bedding as specified on the JP Drainage Standard Drawing		
65	1	LF	0541 Install each additional foot of drop inlet box height greater than		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
66	5	EA	7ft but less than 12ft. Added to item #540, as defined on JP Drainage Standard Drawing  0542 Furnish and install rectangular Grate drop inlet with culvert  size 21in thru 36in dia.(discharge pipe), Box height from 3ft up to 7ft. To include all fill and bedding as specified on the JP Drainage Standard Drawing		
67	1	LF	0543 Install each additional foot of drop inlet box height greater than  7ft but less than 12ft. Added to item #542, as defined on JP Drainage Standard drawing		
68	10	EA	0544 Furnish and install rectangular Grate drop inlet with culvert  size greater than 36in but equal to or less than 48in dia. (discharge pipe), Box height from 3ft up to 7ft. to include all fill and bedding as specified on the JP Drainage Standard Drawing		
69	1	FT	0545 Install each additional foot of drop inlet box height greater  than 7ft but less than 12ft. Added to item #544, as defined on JP Drainage Standard Drawing		
70	8	EA	0546 Furnish and install rectangular Grate drop inlet with culvert  size greater than 48in dia (discharge pipe), Box height from 3ft up to 7ft. to include all fill and bedding as specified on the JP Drainage Standard Drawing		
71	1	FT	0547 Install each additional foot of drop inlet box height greater  than 7ft but less than 12ft. Added to item #546, as defined on JP Drainage Standard Drawing		
72	1	EA	0550 Catch Basin, Standard Type 1, installed, to include all fill and		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
73	1	LF	<p>bedding material. Catch basin box to be 3ft Height (min.) but not more than 7ft in height. Build in accordance with Jefferson Parish Drainage Standard Details.</p> <p>0551 Install each additional foot of catch basin box, standard type 1, box height greater than 7ft but less than 12ft. Added to item #550 as defined on JP Drainage Standard Drawing</p>		
74	1	EA	<p>0552 Catch Basin, Standard Type 2, Install, to include all fill and</p> <p>bedding material. Catch basin box to be 3ft Height (min.) but not more than 7ft in height. Built in accordance with Jefferson Parish Standard Details.</p>		
75	1	LF	<p>0553 Install each additional foot of catch basin box, standard type 2,</p> <p>box height greater than 7ft but less than 12ft. Added to item # 552 as defined on JP Drainage Standard Drawing</p>		
76	1	EA	<p>0554 Catch Basin, Standard Type 3, Installed, to included all fill</p> <p>and bedding material. Catch basin/manhole box, each to be 3ft height (min) but not greater than 7ft in height. Built in accordance with Jefferson Parish Standard Details</p>		
77	1	FT	<p>0555 Install each additional foot of catch basin/manhole box,</p> <p>standard type 3, box height greater than 7 ft but less than 12 ft. added to item # 554 as defined in JP Drainage Standard Drawing</p>		
78	1	EA	<p>0556 Catch Basin, Standard Type 4, installed, to include all fill</p> <p>and bedding material. Catch basin box to be 3ft Height (min.)</p>		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

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ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			but not more than 7ft in height. Built in accordance with Jefferson Parish Drainage Standard Details.		
79	1	LF	0557 Install each additional foot of catch basin box, standard type 4,  box height greater than 7ft but less than 12ft. Added to item #556 as defined on JP Drainage Standard Drawing		
80	1	EA	0558 Catch Basin, Standard Type 5, installed, to include all fill  and bedding material. Catch basin box to be 3ft Height (min.) but not more than 7ft in height. Built in accordance with Jefferson Parish Drainage Standard Details.		
81	1	LF	0559 Install Each additional foot of catch basin box, standard type 5,  box height greater than 7ft but less than 12ft. Added to item # 558 as defined on JP Drainage Standard Drawing		
82	1	EA	0560 Double Catch Basin, Type 1, installed, to include all fill  and bedding material. Catch basin box to be 3ft Height (min.) but not more than 7ft in height. Built in accordance with Jefferson Parish Drainage Standard Details.		
83	1	LF	0561 Install each additional foot of catch basin box, double catch  basin type 1, box height greater than 7ft but less than 12ft. Added to item # 560 as defined on JP Drainage Standard Drawing		
84	2	EA	0562 Double Catch Basin, Type 2, installed all fill and bedding  material. Catch basin box to be 3ft Height (min.) but not more than 7ft in height. Built in accordance with Jefferson Parish Standard Details.		
85	1	FT	0563 Install each additional foot of catch basin box, double catch		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

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SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			basin type 2, box height greater than 7ft but less than 12ft. Added to item #562 as defined on JP Drainage Standard Drawing.		
86	8	EA	0564 Double Catch Basin, Type 4, installed, to include all fill  and bedding material. Catch basin box to be 3ft Height (min.) but not more than 7ft in height. Built in accordance with Jefferson Parish Drainage Standard Details.		
87	1	LF	0565 Install each additional foot of catch basin box, double catch  basin type 4, box height greater than 7ft but less than 12ft. Added to item #564 as defined on JP Drainage Standard Drawing		
88	1	EA	0566 Catch Basin Standard Type 6, installed, to include all fill and  bedding material, box to be 3ft Height (min.) but not more than 7ft in height. Built in accordance with Jefferson Parish Drainage Standard Details		
89	1	EA	0567 Install each additional foot of Catch Basin Type 6, height greater than 7ft but less than 12ft. Added to item #566 as defined on JP Drainage Standard Drawing		
90	7	EA	0600 Utility Conflict Box in accordance w/J.P. Drain Stds.  Reinforced Concrete Slab Foundation. Installed		
91	1	EA	0630 Adjusting elevation of existing catch basin (not more than 18in up or down		
92	1	EA	0635 Adjusting elevation of existing manhole (not more than 18in up or down)		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
			Section 7 - Special Items (See general specs 3.07)		
93	1	LF	0665 4ft High Chainlink Fence-Remove Existing Fence		
94	1	LF	0675 4ft High Chain Link Fence-Replace with New Fence Materials		
95	105	LF	0680 6ft High Chain Link Fence-Remove Existing Fence		
96	1300	LF	0690 6ft High Chain Link Fence-Replace with New Fence Materials		
97	1	LF	0695 6ft High Cedar or Treated Wood Fence - Remove Existing Fence		
98	1	LF	0710 6ft High Cedar or Treated Wood Fence - Replace with New Fence Materials		
99	8060	LF	0715 Saw Cut Pavement - Asphalt or PCC Concrete (Per In. Depth-2in. Max.)		
100	2	EA	0720 Remove Tree and Stump From Site, Size of Over 8 Inches and Up to and Including 16in. in Diameter		
101	1	EA	0725 Remove Tree and Stump from Site Size of Over 16 Inches and Up to and Including 24in. in Diameter		
102	2	EA	0730 Remove Tree and Stump From Site, Size of Over 24in. in Diameter up to and Including 48in. in Diameter		
			Section 8 - Additional Items (Spec. 3.08)		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

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SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
103	830	HR	0740 Dump Truck (Tandem) w/Driver		
104	1300	HR	0745 Back Hoe w/Operator		
105	1	HR	0750 Concrete Pump Truck or Crane for Conc. Lining		
106	700	HR	0755 Flagman		
107	800	HR	0760 Foreman		
108	2455	HR	0765 Laborer		
			Section 9 - Miscellaneous Utility (Spec. 3.09)		
109	12	EA	0800 Adjust or Replace Sewer House Connection		
110	13	EA	0810 Adjust or Replace Water House Connection		
111	4	EA	0816 Waterline Offset 3ft-8ft deep Measure from existing ground to centerline of proposed elevation of offset pipe		
112	1	EA	0830 Sewer Force Main Offset 3ft-8ft measure from existing ground to centerline of proposed elevation of offset pipe		
			Section 10 - Pavement Removal & Disposal (Spec. 3.10)		
113	2750	SQYD	0850 Asphalt 6in Thick and Less		



## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
114	95	SQYD	0860 P.C.C. 6in Thick and Less		
115	1000	SQYD	0865 P.C.C. Thicker Than 6 in.		
			Section 11 - Pipe & Drainage Structures Removal and Disposal (Spec. 3.11)		
116	1	LF	0870 Removal and disposal of drainlines greater than 48in diameter  (48in Equal Arch)		
			Section 12- Geotextile Fabric (Spec. 3.12)		
117	5700	SQYD	0885 Geotextile Fabric		
			Section 13 - Sheet Pile Installation (Spec. 3.15)		
118	1	SQFT	0928 Driving of Vinyl Sheet Pile Length less than or equal to  12 feet		
119	2250	SQFT	0930 Driving Vinyl Sheet Pile Length between 12 ft. - 21 ft.		
120	1	SQFT	0942 Driving of Composite/Fiberglass Sheet Pile, Length less than or  equal to 12 feet		
121	1	SQFT	0944 Driving of Composite/Fiberglass Sheet Pile, Length between  12ft - 21ft		
122	1	SQFT	0950 Supply and Install a vinyl sheet pile with a minimum allowable moment of		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
123	1	SQFT	<p>9700 ft-lbs/ft (strength) This unit price shall include supplying and driving sheet pile with a length less than or equal to 12 feet. This item will be paid for by square foot (sqft) of sheet pile driven.</p> <p>0953 Supply and Install a vinyl sheet pile with a minimum allowable moment of</p>		
124	1	SQFT	<p>9700 ft-lbs/ft (strength). This unit price shall include supplying and driving sheet pile with length between 12-21 feet. This item will be paid for by square foot (sqft) of sheet pile.</p> <p>0956 Supply and install a fiberglass composite sheet pile with a</p>		
125	1	SQFT	<p>minimum allowable moment of 20,000 ft-lbs/ft (strength). This unit price shall include supplying and driving sheet pile with length less than or equal to 12 feet. This item will be paid for by square foot (SQFT) of sheet pile driven.</p> <p>0958 Supply and install a fiberglass composite sheet pile of with a</p>		
126	1	LF	<p>minimum allowable moment of 20,000 ft-lbs/ft (strength). This unit price shall include supplying and driving sheet pile with length between 12-21 feet. This item will be paid for by square foot (SQFT) of sheet pile.</p> <p>0960 12in PIPE, 14 GAUGE, (\$/L.F.)</p>		
127	1	LF	0962 15in PIPE, 16 GAUGE (\$/L.F.)		
128	1	LF	0964 18in PIPE, 14 GAUGE (\$/L.F.)		
129	1	LF	0966 21in PIPE, 16 GAUGE (\$/L.F.)		
130	1	LF	0968 24in PIPE, 14 GAUGE (\$/L.F.)		
131	1	ONLY	0970 30in PIPE, 14 GAUGE (\$/L.F.)		

## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00096311

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
132	1	LF	0972 36in PIPE, 14 GAUGE (\$/L.F.)		
133	1	LF	0974 42in PIPE, 14 GAUGE (\$/L.F.)		
134	1	LF	0976 48in PIPE, 14 GAUGE (\$/L.F.)		
135	1	LF	0978 54in PIPE, 14 GAUGE (\$/L.F.)		
136	1	LF	0980 60in PIPE, 12 GAUGE (\$/L.F.)		
137	1	LF	0982 66in PIPE 12 GAUGE (\$/L.F.)		
138	1	LF	0984 72in PIPE, 14 GAUGE (\$/L.F.)		
139	1	EA	0986 Double Swing Gate 8ft with 3 1/2in post 4ft chainlink and hardware		
140	1	EA	0988 Double Swing Gate 20ft with 6in post 4 ft chainlink and hardware		
141	1	FT	0990 8ft Double Gate,6ft-10ft nominal as required, with Hardware (Cedar)		

**CORPORATE RESOLUTION**

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF

---

INCORPORATED.

AT THE MEETING OF DIRECTORS OF \_\_\_\_\_  
 INCORPORATED, DULY NOTICED AND HELD ON \_\_\_\_\_,  
 A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT  
 WAS:

RESOLVED. THAT \_\_\_\_\_, BE AND IS HEREBY  
 APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-  
 FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON  
 BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS  
 AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,  
 DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE  
 EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,  
 CONTRACTS AND ACTS AND TO RECEIVE AND RECEIPT THEREFOR ALL  
 PURCHASE ORDERS AND NOTICES ISSUED PURSUANT TO THE PROVISIONS OF  
 ANY SUCH BID OR CONTRACT, THIS CORPORATION HEREBY RATIFYING,  
 APPROVING, CONFIRMING, AND ACCEPTING EACH AND EVERY SUCH ACT  
 PERFORMED BY SAID AGENT AND ATTORNEY-IN-FACT.

I HEREBY CERTIFY THE FOREGOING TO BE  
 A TRUE AND CORRECT COPY OF AN  
 EXCERPT OF THE MINUTES OF THE  
 ABOVE DATED MEETING OF THE BOARD  
 OF DIRECTORS OF SAID CORPORATION,  
 AND THE SAME HAS NOT BEEN  
 REVOKED OR RESCINDED.

---

**SECRETARY-TREASURER**

---

**DATE**

**A F F I D A V I T**

STATE OF LOUISIANA  
PARISH OF JEFFERSON

BEFORE ME, THE UNDERSIGNED AUTHORITY, PERSONALLY CAME AND APPEARED \_\_\_\_\_, WHO AFTER BEING BY ME DULY SWORN, DEPOSED AND SAID THAT HE IS THE FULLY AUTHORIZED \_\_\_\_\_ OF \_\_\_\_\_ (HEREIN AFTER REFERRED TO AS BIDDER) THE PARTY WHO SUBMITTED A BID FOR \_\_\_\_\_, BID NO. \_\_\_\_\_ AND SAID AFFIANT FURTHER SAID:

- 1) That bidder employed no person, corporation, firm, association or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the bidder whose services in connection with the construction of the public building or project or in securing the public contract were in the regular course of their duties for bidder; and
- 2) That no part of the contract price received by bidder was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the bidder whose services in connection with the construction of the public building or project were in the regular course of their duties for bidder.
- 3) Said bid is genuine and the bidder has not colluded, conspired or agreed directly or indirectly with any other bidder to offer a sham or collusive bid.
- 4) Said bidder has not in any manner, directly or indirectly, agreed with any other person to fix the bid price of affiant or any other bidder, or to fix any overhead, profit or cost element of said bid price, or that of any other bidder, or to induce any other person to refrain from bidding.
- 5) Said bidder is not intended to secure an unfair advantage of benefit from the Parish of Jefferson or in favor of any person interested in the proposed contract.

SWORN TO AND SUBSCRIBED  
BEFORE ME THIS \_\_\_\_\_  
DAY OF \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

## **INSURANCE REQUIREMENTS**

All insurance requirements shall conform to Jefferson Parish Resolution No. 105529 or No. 105530 dated 05/17/2006.

The contractor shall not commence work under this contract until he has obtained all insurance and complied with the requirements of the specifications and Resolution No. 105529 or No. 105530.

### **WORKER'S COMPENSATION INSURANCE**

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

### **COMMERCIAL GENERAL LIABILITY**

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

### **COMPREHENSIVE AUTOMOBILE LIABILITY**

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.  
Property Damage Liability \$1,000,000.00 each occurrence.

### **DEDUCTIBLES**

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible be borne by the contractor.

### **UMBRELLA LIABILITY COVERAGE**

An umbrella policy or excess may be used to meet minimum requirements.

## **CONSTRUCTION AND RENOVATION PROJECTS REQUIRE THE FOLLOWING:**

### **OWNER'S PROTECTIVE LIABILITY**

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

### **BUILDER'S RISK INSURANCE**

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.

One (1) Year Contract for Drainage Maintenance Construction East and West Jefferson Parish Department of Public Works Drainage and all Jefferson Parish Agencies and Municipalities

#### GENERAL SPECIFICATIONS

#### FOR ONE-YEAR DRAINAGE MAINTENANCE CONTRACT

#### SECTION 1 - DEFINITION OF TERMS

- 1.01 Where ever in these specifications, addendum, proposal, contract and bond, the following term are used, the intent and meaning shall be interpreted as follows:
- 1.02 Addendum-Addendum includes changes to plans and specifications issued by the owner prior to receipt of bids, and must be considered as apart of the plans and specifications as if originally written, and upon signing of contract all addenda will be included as a part of the contract documents;
- 1.03 Advertisement-The advertisement published by the owner giving notice of a request for bids.
- 1.04 Bid Bond-The security to be furnished by the bidder as a guarantee of good faith to enter into a contract with the owner if the contract is awarded to bidder.
- 1.05 The Bidder-Any qualified individual, firm or corporation submitting a proposal for the contemplated work, acting directly or through a properly authorized agent.
- 1.06 Contract-The written agreement between the owner and the contractor covering the performance of the work and the furnishing of labor, material, tools, equipment, incidentals and service necessary for the completion of the same. Contract shall be mutually understood to include "plans", "specifications", "addenda", "alternates", "proposal", and "performance bond", which are required to complete the construction of the work in a satisfactory and acceptable manner.
- 1.07 Contractor-A person, firm or corporation, selected by the owner, which contracts with the owner to perform the work, etc. required by this project. The contractor must be licensed in accordance with Louisiana State law.

- 1.08 The Owner-The owner is the Parish of Jefferson, State of Louisiana, acting through duly authorized governing authority, the Jefferson Parish Council represented by Director of the Department of Drainage.
- 1.09 Performance Bond-The approved form of security furnished by the contractor and his surety as a guarantee of the work and payment for all materials or other obligations contracted by him in the prosecution thereof. Contractor shall furnish a **performance bond** in the amount of one million (\$1,000,000.00) dollars.
- 1.10 Proposal-The written offer of the bidder to perform the contemplated work and furnish the necessary materials, when made on the prescribed form and properly signed and guaranteed.
- 1.11 Specifications-The directions, provisions and requirements contained herein setting out or relating to the method and manner of performing the work or to the quantities and qualities of material and labor to be furnished under this contract.
- 1.12 The Subcontractor-Any construction agency selected by the contractor to handle any phase of the contract. All subcontractors are subject to the owner's approval. Subcontract work shall not exceed 50% of the work assigned to the contractor. Furnish list of subcontractors, subject to approval by the owner.
- 1.13 Surety-The corporate body licensed to do business in Louisiana which is bound with and for the contractor and which is primarily liable and responsible for the payment of all obligations pertaining to and for the acceptable performance of the work required by the contractor.
- 1.14 Engineer-Engineer for the project shall be a parish representative, consulting registered engineer, or registered engineer as designated by the Director of the Jefferson Parish Department of Drainage.
- 1.15 D.O.T.D. Specifications-Where referred to in these specifications, D.O.T.D. shall mean Louisiana Standard Specifications for Roads and Bridges, 2006 Edition. Only sections of D.O.T.D. specifications referred to shall be used.



1.16 Ditch and Canal as defined in Jefferson Parish Code.

## SECTION II GENERAL CONDITIONS

- 2.01 Scope of Contract: The work to be performed under this contract consists of replacement, restoration and/or installation of components of the Jefferson Parish Drainage System. This includes but not limited to: Drainage piping, manholes, catch basins, drop in-lets, junction boxes, canal/Ditch relocation, Canal/Ditch improvements, stabilizations and restorations. Work may include the restorations of, roadways, driveways, sidewalks, and ground cover (sod). Repairs will be conducted throughout Jefferson Parish (East Bank and West Bank).
- 2.02 Contractor shall be aware and shall be held responsible under this contract to the requirements prescribed by the following resolution: Resolution 105529, as amended, provides for a uniform set of general specifications and conditions for all contractors engaged in performing work or services for the Parish of Jefferson.
- 2.03 Notice to Bidder-This can be described as an "operation and maintenance" contract. It is basically intended to supplement work performed by regular maintenance forces of the Department of Drainage. Types of work contemplated under this contract include subsurface drainage maintenance projects such as drain line removal and replacement; the addition of new drain lines and drainage structures such as catch basins, drop inlets, junction and conflict boxes, pre-cast U channel and box culverts, and utility repairs for canal crossings; the addition and repair of drainage structures along existing drainage lines; the cleaning, re-sloping, reinforcement and stabilization of canal embankments of existing drainage ditches, canals, and modifications to utility crossings; all as authorized by the Director of the Department of Drainage. Work may also include the removal, replacement and repair of roadway, curb and gutter, and green areas in conjunction with drainage projects.
- 2.04 All bids shall be for both the East Bank and West Bank of Jefferson Parish.
- 2.05 **The successful bidder shall be awarded the work for a period of one (1) year.** Any conflicts or discrepancies in

this contract or during construction will be resolved by the Director of Drainage and his decision will be final.

- 2.06 This is a unit price contract and the quantities shown on the "bid form" are for comparison of bids only. This contract and actual quantities installed will be on an as-needed basis and may vary significantly from estimated quantities. Contractor waives any claim for loss profit, overhead, or otherwise on account of varying quantities. The funds budgeted for expenditures under this contract may be used in part or in whole, and there is no guarantee of usage of the total budgeted amount. As stated elsewhere usage will be on an as-needed basis and could fall substantially short of the budgeted ceiling.
- 2.07 For this proposal the definition of "job" shall be the work described on any one issued work order and fall within the operation and maintenance category. Many "job" sizes will be relatively small and fall within operation and maintenance category. Each job shall not exceed \$250,000.00 maximum. Any job which is estimated for more than this amount must be put out for bid. This contract is intended for maintenance and smaller repairs and shall not be used for major construction. Work orders must be issued through a Drainage Department requisition or work order system.
- 2.08 All of the work within the limits of each job shall be shown to the contractor by the engineer/O & M manager prior to commencing work. Where required or needed, appropriate design sketches and/or drawings will be furnished to the contractor with each work order. The contractor may be expected to provide sketches for small jobs in order to make such jobs a "turn key" or complete project. All work covered under this contract must conform to Jefferson Parish Engineering Department standard details sheets available in the Jefferson Parish Engineering Department. All work shall meet Parish, State and/or Federal standards as applicable to the type of work performed. Work sites may be scattered for an individual work order; however, every effort will be made to consolidate the work to minimize scattered work sites. Contractor shall prepare a written estimate using the standard Drainage estimated form (Estimate Form #JPD002.) **The contractor shall provide estimate within five days after issuance of work order and begin the work within ten (10) days after estimate approval, provided materials are available, or on a date**

**mutually agreed upon.** No work shall be started without estimate being approved. Approval for the use of items for labor, equipment and materials must be given by Drainage Director and only used when contract has no appropriate unit price bid item necessary to complete the job. When appropriate (parish option) the parish may supply material to contractor for a particular job (sheet pile, pipe, etc)

- 2.09 Each work order will be issued in letter form with appropriate drawings or other attachments and said work order will designate a job number. **All correspondence, billing, etc. pertaining to the work must reference this job number designation.** Payment will be made upon receipt of detailed and itemized invoices and verification by the engineer of quantity and quality of work performed. Invoices must be submitted both on paper and electronically (spreadsheet form, Parish will provide form if necessary-Invoice Form #JPD001) on 3.5" disk. Partial payments will be made only when completion is unduly delayed through no fault of the contractor in which case request for partial payment may be submitted monthly.
- 2.10 If any liens are filed during execution of this contract, the Parish shall withhold the next accruing payment and shall have the authority to satisfy the claim and deduct the amount from payments due.
- 2.11 If any liens arising out of this contract should be discovered to exist after all payments are made, the contractor shall refund the Parish all monies that the latter may be compelled to pay in discharging such liens, including litigation costs and attorney fees.
- 2.12 Contractor shall impede drainage only in the event such impediment is necessary for the implementation of the work. When impeding drainage is necessary, contractor shall take the steps to protect life and property, by providing alternate means to the discharge flow. Contractor shall not impede drainage when storm conditions are imminent and without the Department of Drainage's approval. The contractor shall provide Department of Drainage the names and phone numbers of personnel who are available on a 24 hour basis for removing all drainage impediments.
- 2.13 Contractor shall be responsible for supplying materials, design services and labor necessary to provide sheeting, shoring and bracing or supports as required to provide a

safe working condition for contractor's personnel and to provide for protection of utilities, buildings, and structures. It shall be the sole responsibility of the contractor to comply with these requirements. There will be no direct payment for the design and installation of sheeting or shoring for pipe and drainage structures (such as drop inlets, manholes, catch basins, conflict boxes and junction boxes, precast U channels & box culverts, etc,...).

- 2.14 The contractor shall perform an inspection of the work area prior to the arrival of his equipment in order to document damage to existing roadways, existing sidewalks, driveways, structures, and all plant life in the area. The contractor shall video tape all defects in the vicinity of the jobsite before the commencement of work. The contractor shall submit one copy of the tape depicting the finished construction site and submit a copy of this tape to the owner. Contractor is cautioned to be very thorough with his accumulation of information for documentation. Authenticity of claims by residents will be judged based upon this information.
- 2.15 Contractor shall be responsible for the production of construction photographs. (Photographs shall be digital and in the "jpg format". Before commencement of work photographs shall be taken at intervals of approximately 100 feet, or as designated by the engineer, to accurately record the existing conditions along the route. These photographs shall be promptly submitted on CD with proper labeling identify job to the engineer. At least two (2) views shall be photographed at each location looking both upstream and downstream along the pipeline route. The same views shall be photographed again upon completion of construction activities on any section of the pipe, and submitted (same format and media as preconstruction photographs) with contractor's application for payment for work on that section.
- 2.16 The contractor shall be responsible for having all utilities located within the work area and providing coordination with all utility agencies at no direct pay. **The contractor shall notify "LA 1 Call", phone 1-800-262-3020 at least 72 hours prior to starting work.** It shall be the sole responsibility of the contractor to comply with these requirements.

- 2.17 Adequate safety precautions will be taken for all work performed under this contract. Necessary barricades, signs, lights and warning devices will be installed and maintained by the contractor at no direct pay in accordance with the Parish traffic engineering and safety standards.
- 2.18 The contractor shall be responsible for providing safe and expeditious movement of traffic through construction zones, i.e., the immediate area of actual construction and all abutting areas which are used by the contractor and which interfere with the driving or walking public. The responsibility includes, but is not limited to such items as proper construction warning markings, barricades, channelization and hand signaling devices (flagging operations) at no direct pay. Traffic control plan may be required on projects located on or adjacent to major streets and shall be provided by the contractor. The principal and prescribed standards are set forth in Part IV of the Manual of Uniform Traffic Control Devices. Part IV should be strictly followed.
- 2.19 The contractor should consult with the engineer immediately on any special situation involved with vehicular or pedestrian safety or efficiency problem incurred as a result of construction of a project.
- 2.20 Contractor may receive up to 60% payment for stockpiled or stored materials (per article 109.07 of D.O.T.D.) at the discretion of the owner.
- 2.21 Contractor shall keep a separate copy of all drawings at the site in good order and annotated currently to show all changes made during the construction process. These shall be available to the owner/engineer for review of "as-built" information each month, or earlier. The contractor shall obtain approval (by owner) of required changes and shall deliver "as-built" drawings to the engineer upon completion of the project. Any required changes to job which will result in a cost change on Drainage Estimate Form will require a revision Estimate Form before work continues if time permits.
- 2.22 Testing
- A. Testing will be done as required at the discretion of the engineer in accordance with specifications called out in this contract and contained in special resolutions for work done in Jefferson Parish.

B. Testing will be paid for by the owner and will be done to ensure that minimum standards in accordance with Jefferson Parish and Louisiana Standard Specifications for Roads and Bridges, 2000 Edition, are upheld.

2.23 Sub-contractors: All bidders wishing to use the services of sub-contractors should submit, with their bid, a complete list of all sub-contractors. Failure to submit a sub-contractor list, prior to the award, will result in bid rejection

2.24 **NOTE: THERE WILL NOT BE A PRE-BID CONFERENCE.**

2.25 Contractor will be required to provide all invoices or material tickets for items used on work under this contract to Jefferson Parish upon request for verification of material quality or quantity used to complete assigned work.

2.26 Abbreviations

CMPA	= Corrugated Metal Arch Pipe
CMP	= Corrugated Metal Pipe
CUYD	= Cubic Yard
GA	= Gauge
GAL	= Gallon
L.F.	= Linear Foot
MAX	= Maximum
O.C.	= On Center
P.C.C.	= Portland Cement Concrete
PSI	= Pounds per Square Inch
PVC	= Polyvinyl Pipe
RCP	= Reinforced Concrete Pipe
RCPA	= Reinforced Concrete Pipe Arch
SQYD	= Square Yard

### SECTION III TECHNICAL SPECIFICATIONS

#### GROUP I - SUBSURFACE DRAINAGE

##### 3.01 Asphaltic Pavements

A. Bid prices shall include all costs for labor, supervision, equipment/operator, materials and incidentals necessary to provide finished Asphaltic Paving in place, as described under this item of the proposal.

B. The bituminous hot mix asphalt Type 3 binder and wearing courses shall conform to the ASTM and AASHTO specification. All workmanship, equipment, and materials

shall be in accordance with the Louisiana Department of Transportation and Development Office of Highways, Louisiana Standard Specifications for Roads and Bridges latest edition and revisions and applicable sections.

C. A tack coat shall be included in the price per ton or wearing course and shall be in accordance with applicable D.O.T.D. specifications.

D. All survey, initial and final layout of roadway reconstruction is incidental to bid items. There is no separate compensation for this work.

If work involves repair / replacement of roadway, driveway and sidewalk, contractor shall perform the work in accordance with Jefferson Parish Roadway, driveway and sidewalk Standard Details.

### 3.02 Portland Cement Concrete Paving

A. Bid prices shall include all costs for labor, supervision, equipment/operator, materials and incidentals necessary to provide finished Portland Cement Concrete Paving in place, as described under this item of the proposal. All required jointing materials shall be included in price bid under this item. Method of jointing materials shall be included in price bid under this item. Method of jointing shall be the same as the existing joints in the area of work. Bid prices shall also include adequate curing of the concrete placed and the proper sealing of contraction and expansion joints.

B. Ready mix concrete shall conform to the latest ASTM, AASHTO, and DOTD specifications. All workmanship and materials shall be in accordance with applicable DOTD specifications.

C. Where there are no existing jointing material between existing pavement and new pavement, the contractor will provide 1/2" diameter smooth dowels at a spacing of 2' - 0" O.C. Dowels shall be grouted into the existing pavement. Dowels shall be 1' - 6" in length with a 6" embedment into the existing section of pavement. Where the use of dowels are specifically required, they shall be paid under separate item per each dowel drilled and grouted. There will be no direct payment for dowels placed in new concrete.

D. Bid prices under this item shall include labor, supervision, and equipment/operator costs for all layout and grades required to execute the work, such as grades for setting paving forms, etc.

E. Acceptable mix designs for high-early strength concrete as designated in item B are as follows: Mix for 3000 PSI, 3 days (P.C.C. drainage structures) slump retarder - 1 1/2 " - 3" required, use per manufacturer. Air entrainment-5% by volume, use per manufacturer Cement-Type 1, 6 1/4 sacks/CUYD Water-Potable, 6 Gal/Sack Max Sand-1050 LBS. Gravel - 1770 Lbs. Mix for 4000 PSI, 3 days (roadways, driveways, curbs, incidental paving) slump retarder - 1 1/2 " - 3" required, use per manufacturer. Air entrainment-5% by volume, use per manufacturer Cement-Type 1, 7 sacks/CUYD Water-Potable, 6 Gal/Sack Max Sand-994 LBS. Gravel - 1671 Lbs.

### 3.03 Curb and Gutter

A. Asphaltic curbs shall be type III asphaltic concrete wearing course shoulder mix. Asphaltic curb shall be placed by an approved extruding machine. Prior to placing curb, the contractor shall apply asphaltic tack coat conforming to Section 504 of D.O.T.D. Asphaltic curbs will be paid for at the contract price per linear foot. Asphaltic curbs shall be in accordance with applicable Sections 501 and 707 of D.O.T.D. specifications. Bid prices shall include removal and disposal of existing damaged curbing to be replaced.

B. The concrete mix design for P.C.C. curbs shall be 4000 PSI at 3 days with a 7 sack cement content minimum. Bid prices shall include removal and disposal of existing damaged curbing to be replaced.

1. When installing curbs in conjunction with new slab, paving curbs shall be monolithic with new paving or properly doweled at contractor's option, except that curb sections should be monolithic with new roadway slabs adjacent to existing driveways for quicker access. When installing curbs by extrusion onto old slab pavement, the curb shall be bonded to the surface of the existing pavement with 1/2" diameter "U" shaped steel dowels spaced 2' - 0" O.C. or other acceptable means approved by the Parish Department of Engineering. Description literature and specifications for bonding agents selected by the contractor shall be submitted for approval prior to use.

2. Note that where dowels are required "U" shaped, deformed or smooth shall be paid under a separate item per each dowel drilled and grouted. There will be no direct payment for dowels in new concrete.



3. Provide joints in the curb at the same location as the pavement that the curb is placed on.
4. Bid prices for concrete curb shall also include tooled joints a minimum of one quarter the thickness of the pavement and spaced a minimum of every 15' - 0". Expansion joints shall also be included in the bid price for P.C.C. curb and shall be spaced a minimum of every 60' - 0".

Contractor shall perform the works in accordance with Jefferson Parish Curb & Gutter Standard Details.

#### 3.04 Excavation and Fill Material

A. This item covers work and material generally associated with base, shoulder, and dress-up work. Any excavation for drainage installations beyond the net section specified for that item type shall be brought to the attention of the engineer and upon his/her approval will be paid under this item. Excavation will be paid by cubic yard, (theoretical section) in accordance with Section 203 of D.O.T.D. There will be no direct payment for excavation for the installation or modification of drain lines and structures or pavement. Fill material shall be paid for by cubic yard truck measure in place. Stone or crushed concrete shall be paid for by the ton of material in place. If item on contract includes excavation and fill material there will be no direct payment for such. The owner reserves the option to purchase and deliver the material to work site. All materials delivered to site must be certified and inspected by owner's representative, for payment. Both base and sub-base materials when required shall be compacted in accordance with D.O.T.D. Bid prices shall include costs for compaction and grading of materials when used for base or sub-base construction in accordance with Section 301 of D.O.T.D.

B. Topsoil from off-site borrows shall consist primarily of medium plastic to highly plastic clays or silty clays CL or CH material according to the unified soils classification system). Workmanship and materials shall be in accordance with Section 715 of D.O.T.D. as specified herein. It should be free of wood, organic matter, and other deleterious material. It should have a plasticity index (PI) of at least 15, and a liquid limit of at least 35. Topsoil shall be paid by cubic yard vehicular measure.

C. Embankment material shall be approved by the engineer before use. Materials shall be in accordance with Section

203 of D.O.T.D. Embankment material shall be paid for by the cubic yard, net section.

D. Granular material (pumped sand) used shall be in accordance with Section 723 for granular material of D.O.T.D. Granular material shall be paid per detail on project plans as vehicular measure. Granular material shall be used to backfill trench up to spring line of pipe, unless otherwise directed by the engineer.

E. All granular material shall be compacted in accordance with D.O.T.D. specifications for non-plastic embankment construction.

F. The contractor shall, if directed by the engineer, use excavated material as backfill over pipe installation. Should the Parish desire, the contractor will dump excavated material at a disposal site designated by the Parish at no added cost, provided that the disposal (dumping) site is within a radius of fifteen (15) miles from the work site, and does not involve crossing the Mississippi River. Additionally, should the Parish desire, the contractor will load excavated material onto Parish trucks at the work site at no added cost provided that the Parish trucks are present at the work site at the time of excavation and do not unduly delay the contractor's work.

G. The contractor will exercise due caution regarding underground utilities during excavation operations, and will cooperate with representatives of the utility companies and Parish departments to avoid damage to their installations. All underground street lighting should be reported immediately to Parish (736-6941). If underground street lighting cable or conduit is damaged and is not reported the contractor will be required to pay for any and all cost related to repairs. If damage is reported and site is left open (cable exposed) the Parish will make all street light cable repairs and the contractor would not be charged for that. The contractor will be responsible for back-filling and dressing-up work area. There will be no direct payment for hand digging required around utilities, whether the utility is indicated on design drawings or not.

H. Seeding work includes the labor, equipment and materials required to Prepare seed beds and furnish and sow grass seed on the areas designated on the plans as directed by the engineer. The work will be in accordance with Section 717 of D.O.T.D.

I. Fertilizer work includes all labor, materials and equipment required to furnish and apply commercial fertilizer on the areas designated on the plans or as

directed by the engineer. Payment will be in accordance with Section 718 of D.O.T.D.

### 3.05 Drain Pipe Installation

A. Measurement for payment of drain pipe installation shall be paid for by linear foot unless otherwise specified in bid items.

Bid prices shall include cost of labor, supervision, excavation, equipment/operator, and materials - pipe, limestone bedding, geotextile(wrapping around pipe joints), and compacted fill up to 6" above top of pipe and 18" on each side, including removal of drain pipes up to 48" round or equivalent arch and other incidentals necessary to install the drain pipe.

The only materials not to be included in the above items are:

- Fill more than 6" above the top of pipe.
- Top soil.
- Seed or sod.
- The replacement of any sidewalk, street or driveway if requested.

All workmanship and material shall be in accordance with Drainage standard drawings and Sections 701 & 1006 of D.O.T.D. Specific depths for drain structures will vary with each project.

B. Where bedding material is required, the material will meet the requirements on the Drainage standard drawings defined by Jefferson Public Works Engineering Department. Bedding material shall be limestone #57. Depth and width of bedding material shall be as defined on drainage standard detail. Bedding material will not be paid for under separate item for piping. Bedding shall be compacted to 90% density using LA D.O.T.D. TR418-A, or as directed by engineer.

C. Excavation cost shall be included in the cost of pipe or other drainage structures installation. Excavation limits shall be as per Section 701.03 of D.O.T.D., or as noted on the plans or sketches, in addition to the depth of excavation required to install bedding, if required.

D. When unstable conditions are encountered the additional excavation will not be measured for payment; however, the additional material furnished and placed for pipe foundation will be measured and paid under separate item, prior approval by owner.

E. Drainage pipe will be paid for in accordance with contract. No tees or wyes will be allowed. Junction boxes

or drop inlets will be used in place of tees or wyes. Note that filter fabric shall be used to wrap all pipe joints and be included in the price of pipe per linear foot.

Filter fabric joint wrapping shall conform to requirements of Section 1019 D.O.T.D. All pipe joints shall be wrapped with filter cloth in conforming to Section 701.06 D.O.T.D.

F. Where geotextile is required other than around pipe joint; it shall be paid for under a separate item.

H. A pipe puller shall be used for joining conduits over 36" in diameter. Joints that are not seated a minimum of 75% of the depth of the joint will not be acceptable.

I. All pre-cast concrete culvert joints shall be tongue and groove with a minimum of 6" depth, maximum annular space of 1/2" and a maximum taper of 10 degrees. "Ram-Nek" gasket material shall be used in accordance with the manufacturer's recommendation.

### 3.06 Drain Structures

A. Sections of drainage structures such as manholes, catch basins, drop inlets, conflict boxes, junction boxes, pre-cast U-Channels, pre-cast box culverts, pipes and other pre-cast members shall meet specifications in accordance with Section 702 and Section 1016 of D.O.T.D. Measurement for payment of manholes, drop inlets, conflict boxes, and junction boxes shall be paid for by each unless otherwise specified in bid items. Measurement for payment of pre-cast U-Channels, pre-cast Box culverts (and pipes) shall be paid for by linear foot unless otherwise specified in bid items. Bid prices shall include the costs of labor, supervision, excavation, equipment/operator, bedding, fill material, geotextile, sheeting, frames & grates, and other incidentals necessary to install the drain structures as described above and called for in plans and/or Parish Drainage Standard Details. All frames, grates and covers shall be of domestic United States manufacture and designed for heavy duty HS20-44 loading.

B. Drop inlets, manholes and curb inlets shall be constructed of brick and mortar in accordance with Jefferson Parish Department of Engineering Standards.

C. Typical details for construction of drain structures and conflict boxes are available from the Jefferson Parish Department of Engineering upon request.

D. Adjusting existing catch basin or manhole covers will include all labor, excavation, equipment/operator and materials needed to raise or lower the structure to the elevation required. Work will consist of the removal or addition of brick and mortar as required, to obtain the

elevation needed at the top of casting. Catch basin and manhole adjustments will be paid for per each. For bidding purposes, it is assumed that adjustment will be less than 18" up or down.

E. Work associated with "miscellaneous tie-ins" shall include all labor, excavation, equipment/operator and materials needed to tie-in yard drains and drain lines into existing structures. Work shall consist of tie-ins from yard drains and drain lines into existing manhole, junction box or drain line as required. The tie-in will include a hole to be punched out or cut out as required in which the line connecting the yard drain is to be placed through and shagged in with brick and mortar. The connecting line shall not project past the inside wall of the structure or drain line it is to be tied into. The payment for tie-ins as described above will be included in the prices for new lines and drainage structures that are being constructed in conjunction with the job.

F. Frames, grates and covers for manholes, catch basins, and drop inlets shall be of the heavy duty type capable of carrying HS20-44 loading in accordance with AASHTO requirements and/or per Jefferson Parish standards.

G. When unstable conditions are encountered the additional excavation will not be measured for payment; however, the additional material furnished and placed for drain structure foundation will be measured and paid under separate item, prior approval by owner.

### 3.07 Special Items

#### A. Fence Removal and Replacement

This work consists of all labor, supervision, equipment/operator and materials generally associated with the removal and re-installing reconstructing existing fence or erecting new fence at the same or new location. The fence will be rebuilt in the same manner as specified for new fence. Rebuilt fence shall be equal or better than existing fence and will include gates. It will be paid as L.F. of fence or gate. All workmanship and material shall be in accordance with Section 705 of D.O.T.D. Fence materials if carefully removed and stored may be used for reconstructed fence if approved and directed by the engineer.

#### B. Saw Cutting

Machine saw cuts in concrete pavements and asphalt shall be paid for by linear foot of cut for the depths specified.

#### C. Tree and Stump Removal

Any Tree and Stump removal must be coordinated with Jefferson Parish Parkways Department to ensure Public Works requirements are met. Tree and stump removal shall include cutting down and removal and disposal of trees and grinding of stumps. Excess ground stump material shall be removed and the disposal area graded evenly.

Measurement for tree and stump removal shall be paid by each. Bid price shall include the costs of equipment/operator, labor, excavation, fill, area grading, and other necessary incidentals to remove the tree and stump.

### 3.08 Additional Items

#### A. Pipe Repair

Pipe repair shall be paid for by the linear foot. This item shall include all labor, supervision, excavation, equipment/operator and materials needed to shag in holes and breaks inside of existing drainage structures or in existing concrete drainage pipe as required by engineer. The repair will consist of cleaning and removing all loose and broken sections of concrete, surface preparation using an epoxy like bonding agent and filling in the area using brick and mortar to a depth matching the inside and outside of the structure.

#### B. Vehicles and Equipment

Bid prices for vehicles and equipment shall include all cost for hourly rental of the vehicle or equipment specified including driver/operator and fuel of vehicle or equipment. Work shall be under direct control of the Director of the Department of Drainage. The use of any of this equipment by the Contractor in the performance of items of work as listed elsewhere under this contract will not be paid separately under this item. Prior approval from the Director of the Department of Drainage is required for the use of these items in the performance of work on items not listed elsewhere in this contract. Vehicles and equipment items shall include dump truck (tandem) with driver, backhoe with operator.

#### C. Foreman and Laborer

The laborer and foreman items will be paid for by the hour. The use of these personnel by the contractor in the performance of items of work listed elsewhere in this contract will not be paid separately under this item. Prior approval from the Director of the Department of Drainage is required for the use of these items in the performance of work on items not listed elsewhere in this contract.

### 3.09 Miscellaneous Utilities

#### Sewer Lines

A. Sewer force main offsets shall be made to the depths as required and specified in the bid items. Depth of offset will be measured from existing ground to the proposed centerline of offset pipe. Each offset shall be in accordance with the Jefferson Parish Department of Sewer standard details and provisions.

B. Sewer house connections that require adjustment where shown or directed by the engineer shall be a PVC SDR 35 pipe extended from the main to the existing pipe at curb unless otherwise required by the engineer. For bidding purpose, the average length will be 13 linear feet for adjustment. The connection of materials shall be accomplished by the installation of a "no-hob" coupling consisting of a neoprene sleeve and bushing adapter and two stainless steel bands. Note the materials must be approved by Jefferson Parish Sewer Department. The cost of all sewer house connections shall be based on price per each.

#### Water Lines

A. Adjustment or replacement of water house connection shall consist of adjustment or replacement of 1/2" to 2" water line house connections to new grades and backfilling with sand. Note that sand shall not be paid under separate items. The adjustment or replacement for bidding purposes shall be considered to be from the main to the meter at an average length of 13 linear feet. Note that all materials shall meet the approval of the Jefferson Parish Water Department.

B. Water line offsets shall be made to the depths as required and specified in the bid items. Depth of offset will be measured from existing ground to proposed centerline of offset pipe. Each offset shall be in accordance with The Jefferson Parish Department of Water standard details and provisions.

C. Point repairs of water lines will consist of cutting out and removing of the section of pipe to be repaired. All of the replacement pipe, connectors, restraints, etc., used in repair shall be in accordance with Jefferson Parish Department of Water standard details and provisions. Point repair shall be paid per each and for bidding purposes shall be considered to be two 16' lengths of pipe each side of joint, with a maximum of three joints, all restrained. Pipe sizes for point repairs will range from 4" - 12" in diameter. Each point repair shall be in accordance with

Jefferson Parish Department of Engineering standard details and provisions.

D. The contractor shall furnish all pipes, fittings, temporary clamps and other materials required to complete this work and all costs thereof shall be included in the unit price bid. All vertical and horizontal adjustments shall be accomplished to meet Jefferson Parish Department of Water provisions.

E. Material used in the offsets and point repair shall be in accordance with the following:

1. Ductile iron pipe: Ductile iron, iron pipe and fittings shall conform as ANSI specification A21.51, and thickness design shall conform to A.21.50-1976 (AWWA C-150-760. Pipe supplied shall be class 53 for pipe 8" and larger shall meet all requirements for push-on rubber gasketed joints in accordance with ANSI specifications A21.11. All pipes and fittings shall have a cement lining as specified for ductile iron pipe. All pipes shall receive a vinyl coat application. All pipes joint locking mechanism shall be of a boltless, corrosion resistant design. All pipe fittings shall be "T.R.Flex" as manufactured by U. S. Pipe Company, Super Lock by Clow or Flex Ring by American, or approved equal.

2. PVC Water Lines: 4" thru 12": PVC pipe 4" and greater shall be AWWA C-900 DR18 integral bell with lock gasket and ductile iron O.D.

3. PVC fitting shall be schedule 40 socket type, conforming to the requirements of ASTM D1784.

Type I grade I and ASTM D2466.

F. Restrained Joints:

1. Polyvinyl chloride (PVC) pipe (4" to 12") shall be restrained using the series 5500 or 6500 mechanical joint thrust restraint as manufactured by EBBA Iron, Inc. or approved equal.

2. The EBBA Iron Series 5500, 6500, 1100 PV or 1100 HV Meglug Assembly shall be cast completely of closely controlled ductile iron conforming to ASTM A536, latest revisions, and furnished with silicon bronze bolts, IF1140, grade 655. All bolts made of corrosion resistant steel and ductile Iron will not be permitted. All glands and bolts shall be field coated with two (2) coats of coal tar epoxy, Koppers 300- M Bitumastic, or approved equal with a minimum dry film thickness of eight (8) mils per coat.

3. Ductile iron standard fittings shall be used for PVC restrained joint pipe. Restraining glands shall be wrapped with an eight (8) mil thick polyethylene tube for



additional protection. The polyethylene wrap shall extend a minimum of 2' in either direction from the gland and secure on the end with circumferential turns of tape. All restrained joints shall be inspected at the job site after installation. Field touch-up and repair if needed shall be made by the contractor under the supervision and inspection of a representative of the coating supplier. Follow manufacturer's specifications when installing the restrained joints using torque wrench, tighten bolts to recommended torque and in the proper sequence. Supplier to provide on-site training in the proper installation of joint restrainers.

G. All sterilization's shall be performed by Jefferson Parish Department of Engineering, but the contractor shall be responsible for the flushing of all lines and for providing all necessary taps for the sterilization procedure.

H. All work performed by the contractor in flushing and tapping the lines shall be under the direct supervision of the Jefferson Parish Department of Engineering, and there shall be no direct payment of either labor or materials. The cost of all work performed shall be included in the unit price.

I. The contractor shall notify the Jefferson Parish Department of Engineering at least 48 hours in advance of any sterilization Work that has to be accomplished.

J. The contractor must coordinate all phases of this work with Jefferson Parish Department of Engineering, and must familiarize himself with the requirements of the Department of Engineering pertaining to testing, chlorination and the cost thereof, which shall be included in unit price bid.

### 3.10 Pavement Removal and Disposal

Bid prices shall include all costs for labor, supervision, equipment/operator to remove and dispose the concrete or asphalt pavement for the thickness as shown. Where concrete to be removed has been overlaid with asphalt, the contractor will be paid for such added average thickness. All slabs shall be removed from joint to joint, unless otherwise directed by the engineer. Curbing shall be removed with the slab where required, and the curb height will not be added to slab thickness. Should the Parish desire, the contractor will dump broken concrete at a disposal site designated by the Parish at no added costs, provided that the disposal (dumping) site is within a radius of fifteen (15) miles from the work site, and does not involve crossing the Mississippi River. Additionally,

should the Parish desire, the contractor will load broken concrete onto Parish trucks at the work site at no added cost, provided that the Parish trucks are present at the work site for loading as the concrete is being removed, and do not unduly delay the Contractor's work. Care must be exercised so that the jointing materials and device Adjacent to the concrete to be removed shall not be damaged. Any pavement damaged by the contractor as a result of negligence, either willful or accidental will be replaced at the contractor's expense.

- 3.11 Pipe (larger than 48" round or equivalent arch) and Drainage Structure Removal and Disposal:  
Bid price shall include all cost for labor, supervision, excavation, equipment/operator and materials necessary to remove and dispose of existing drain lines which consist of drain pipes and drain structures. All material types, reinforced concrete, metal, plastic, etc. and Drainage structures of the range of sizes listed in the bid items shall be included in this item. Bid price shall include excavation, removal and disposal of said structure and associated excavated material. Any required pavement removal will be paid under separate item. Should the Parish desire, the contractor will dump broken concrete at a disposal site designated by the Parish at no added cost, provided that the disposal (dumping) site is within a radius of fifteen (15) miles from the work site, and does not involve crossing the Mississippi River. Additionally, should the Parish desire, the contractor will load broken concrete on to Parish Trucks at the work site at no added cost, provided that the Parish Trucks are present at the work site for loading as the concrete is being removed, and do not unduly delay the contractor's work.
- 3.12 Geotextile Fabric (applies to Group II also)
- A. Geotextile fabric shall be in accordance with D.O.T.D. Section 1019 or approved equal.
  - B. Geotextile fabric when required in pipe trench area shall be placed in the trench area as directed by the engineer, or between the existing sub-grade material and bedding material, and shall be laid in width to accomplish this task, or if laid in separate sheets shall have a minimum of 12" overlap both longitudinal and laterally.
  - C. Geotextile fabric when required at roadway sections shall be placed under the new base material with a minimum overlap of 12" in both directions.

3.13 Regrade/Excavate Canals/Ditches

- A. Work done under this item will be paid for by cubic yard net section. Excavation and grading shall be done as required by sketch or plans per net section shown. Material that is excavated shall be removed from site and properly disposed of at contractor's expense.
- B. Should the Parish desire the contractor will dump excavated material at disposal site designated by the Parish at no added cost provided that the disposal (dumping) site is within a radius of fifteen (15) miles from the work site and does not involve crossing the Mississippi River. Additionally, should the Parish desire, the contractor will load excavated material onto Parish trucks at the work site at no extra cost, provided that the Parish trucks are present at the work site at the time of excavation and do not unduly delay the contractor's work.
- C. The contractor will exercise due caution regarding underground Utilities during excavation operations, and will cooperate with representatives of the utilities companies and Parish Departments to avoid damage to their installations. There will be no direct payment for hand digging required around utilities.
- D. A minimum of 20' access will be provided on one side of the canal or ditch for the contractor to work, for regrading canals or ditches only.
- E. The definition of canal or ditch for the purpose of - bidding will denote as drainage channel which can be accessed as specified above and that which can be excavated using a hydraulic excavator such as a backhoe, track hoe or gradall, etc.

3.14 Canal/Ditch Bank Stabilization

Limestone Stabilization

All work done under this item will be paid for by cubic yard net section. Excavation and grading shall be done as required by sketch or plans per net section shown. Unused material that is excavated shall be removed from site and properly disposed of at contractor's expense. Limestone used for bank stabilization shall be # 57 and shall conform to ASTM C136. Price for Limestone shall include delivery, off-loading, placing and compacting stone. Should the Parish desire, the contractor will dump excavated material at disposal site designated by the Parish at no extra cost, provided that the disposal (dumping) site is within a radius of fifteen (15) miles from the work site and does not involve crossing the Mississippi River. Additionally, should the Parish desire, the contractor will load

excavated material onto Parish trucks at the work site at no extra cost, provided that the Parish trucks are present at the time of excavation, and do not unduly delay the contractor's work. The contractor shall exercise due caution regarding underground utilities during excavation operations and will cooperate with representatives of the utility companies and Parish Department to avoid damage to their installations. There will be no direct payment for hand digging required around utilities. The definition of canal or ditch for the purpose of bidding shall denote a drainage channel which can be accessed from one side with a minimum width as specified above, and can be excavated to a new depth using a dragline and crane, etc.

### 3.15 Canal/Ditch Bank Stabilization

#### Sheet Piles

Material of sheet piling shall have the minimum allowable moment - vinyl of 9,700 ft-lbs/ft strength rating; composite /fiberglass sheet piling 20,000 ft-lbs/ft.

- A. All work done for driving of sheet piles only (vinyl or composite/fiberglass) shall be measured and paid for by square foot (SQFT) of piling acceptably installed. Price and payment shall include equipment/operator, labor, supervision, handling, driving, cutting/drilling holes, and cutting sheet piles to the final leveling, backfilling voids, excavating, grading and all other works incidental to acceptably installing the sheet piling. Owner shall furnish the sheet pile material to contractor for installation. Sheet pile material should not be included in bid price  
Driven sheet pile shall be in accordance with the plan details and meet specifications in accordance with Section 803.03 of D.O.T.D. Contractor shall acknowledge that alignment of driven sheet piling shall not be allowed more than 1/4 -inch per foot out of plumb in the plane of the wall and no more than 1/8-inch per foot out of plumb perpendicular to the plane of the wall. Any corrective works for insuring the plumbness of succeeding pilings shall be at no cost to owner.
- B. All work done for supplying and installing sheet piles (vinyl or composite/fiberglass) shall be paid for by square foot (SQFT) of piling acceptably installed. Price and payment shall include supplying material of

sheet piling, equipment/operator, labor, supervision, handling, driving, cutting/drilling holes, cutting sheet piles to the final leveling, backfilling voids, excavating, grading and all other works incidental to acceptably installing the sheet piling.

Driven sheet pile shall be in accordance with the plan details and meet specifications in accordance with Section 803.03 of D.O.T.D. Contractor shall acknowledge that alignment of driven sheet piling shall not be allowed more than 1/4 -inch per foot out of plumb in the plane of the wall and no more than 1/8-inch per foot out of plumb perpendicular to the plane of the wall. Any corrective works for insuring the plumbness of succeeding pilings shall be at no cost to owner.

### 3.16 UNFORESEEN EMERGENCIES:

A. MEASUREMENT: Measurement for unforeseen emergency work will be made on as an incurred basis for bid items such as laborer, foreman, flagman, backhoe with operator, dump truck (tandem) with driver, and concrete pump truck or crane for concrete lining, and other standard items that are listed in this proposal. The cost of materials used in the performance of emergency work, if not otherwise covered by existing bid items, or supplied by Jefferson Parish, will be measured and paid for at the actual invoice cost, will be furnished by the contractor at the actual invoice cost billed to him/her without any marks-ups. These third party invoices shall be included in the contractor's billing invoice for payment. The cost of any incidental drayage between the local supplier and the job site will not be considered for pay.

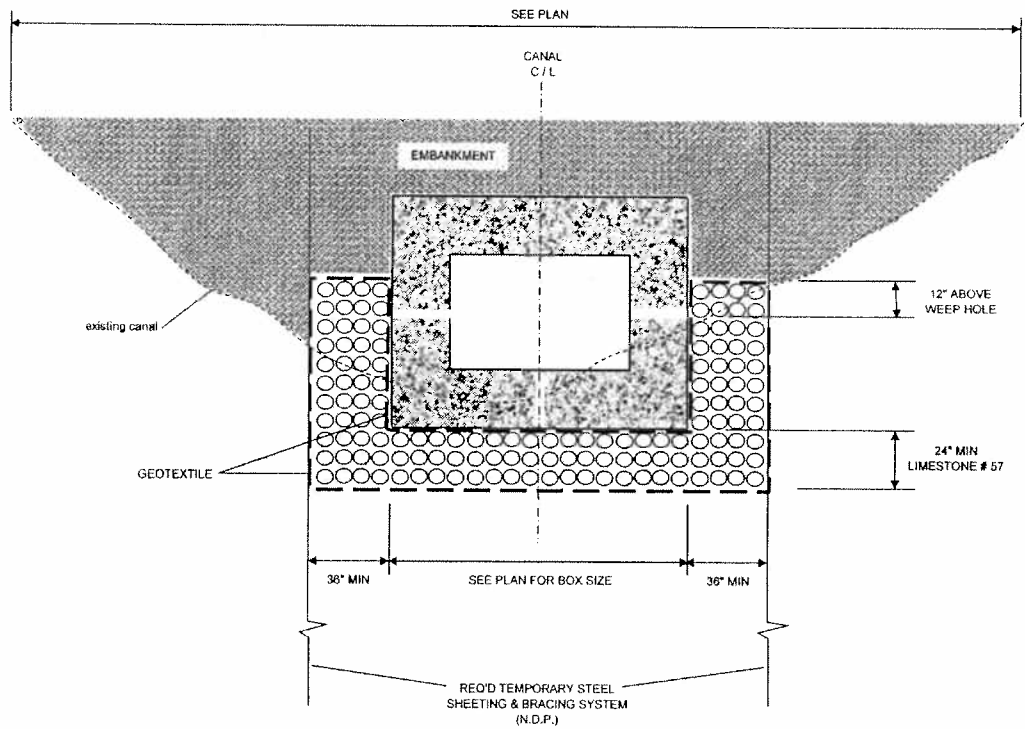
B. PAYMENT: Payment will be made only when directed by the Parish to make repair or repairs not specifically covered by items contained elsewhere in this proposal. Payment shall include furnishing all labor, equipment, tools, and materials needed to accomplish the directed emergency work. Payment will be made in accordance with the hourly or daily rate for bid items such as laborer, foreman, flagman, backhoe with operator, dump truck (tandem) with driver, and concrete pump truck or crane for concrete lining, and other standard bid items that are listed in this proposal. For tools and any equipment that are not covered in this proposal, rated for bid for the unforeseen emergency work cannot exceed the AED green book rates. As follow: Day Rate = AED weekly rate. The hourly rate will be determined by dividing the daily rate by 8.

For equipment the hourly bid rate shall include the driver / operator, fuel and maintenance for equipment.

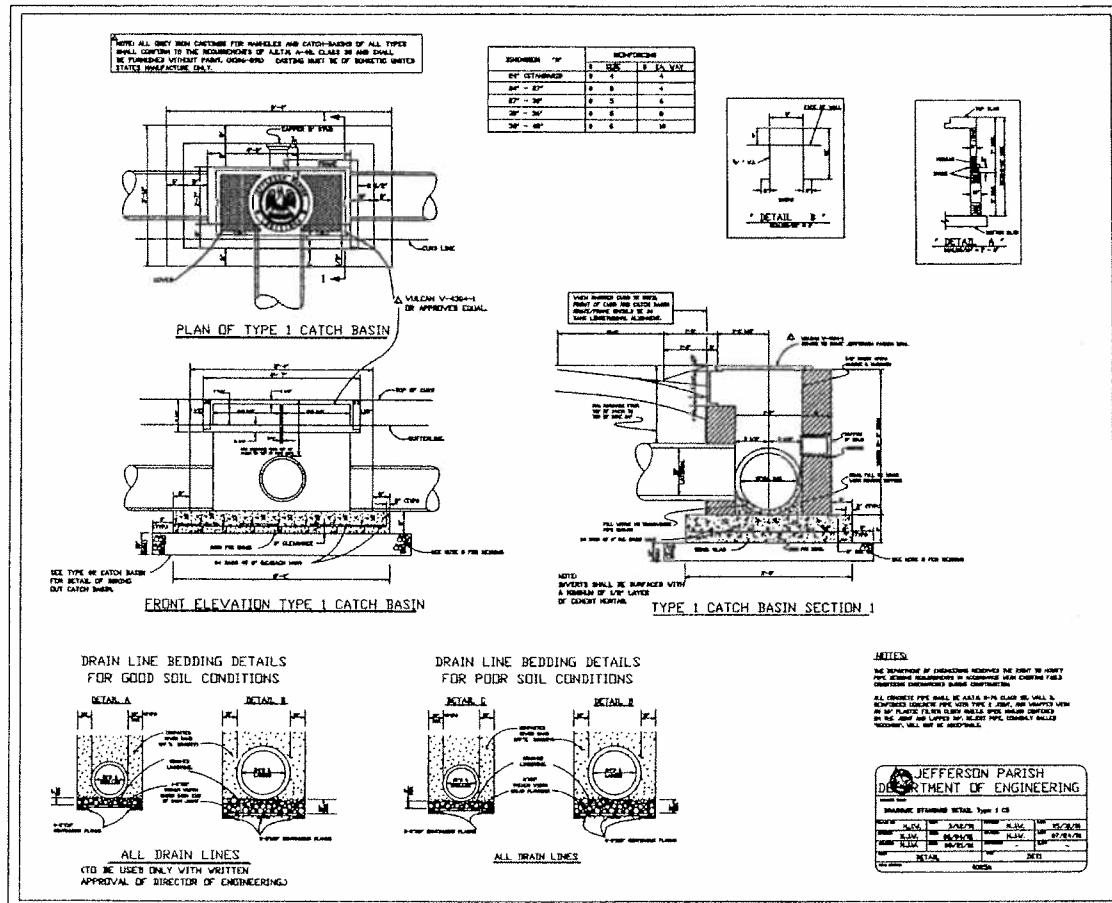
For tools the unit price bid per day shall include the cost of supply, maintenance and operation.

(Note: AED is the Association of Equipment Dealers)

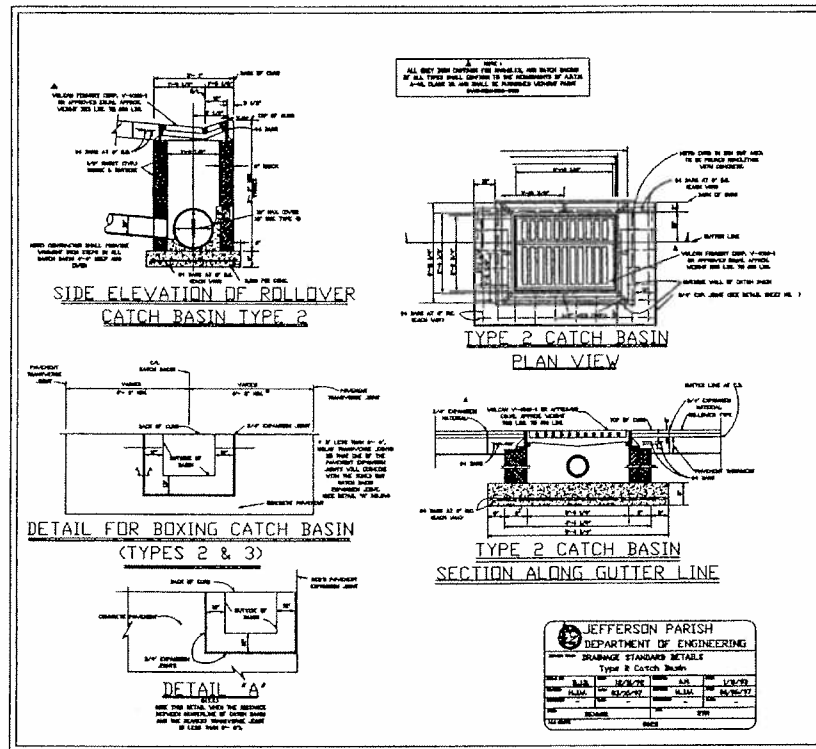
**TYPICAL CONCRETE BOX CULVERT DETAILS**  
Jefferson Parish Drainage Department  
(N.T.S.)

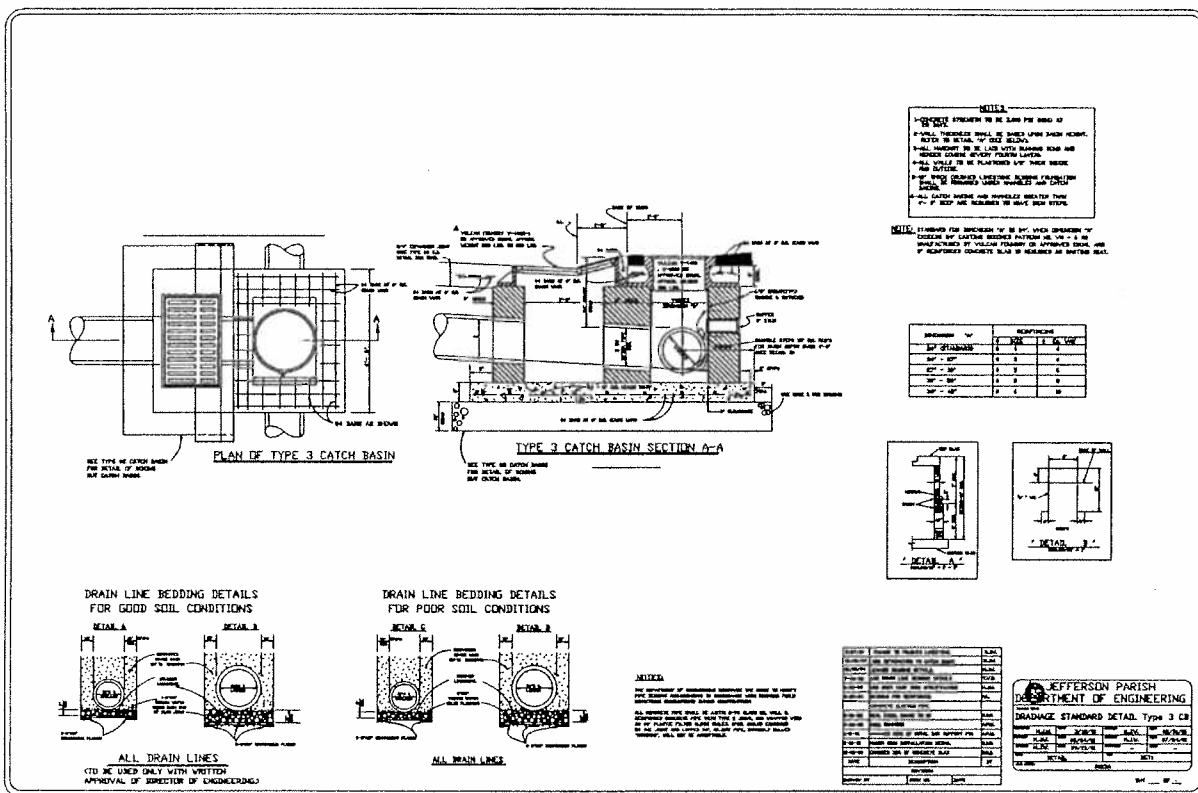


vnnguyen 7/25/2008

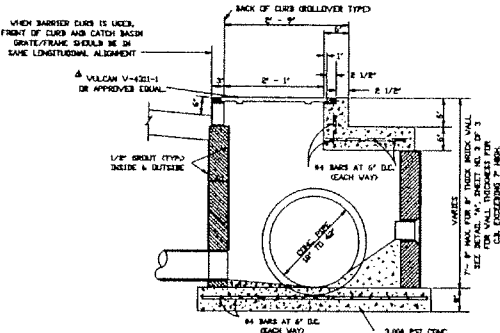







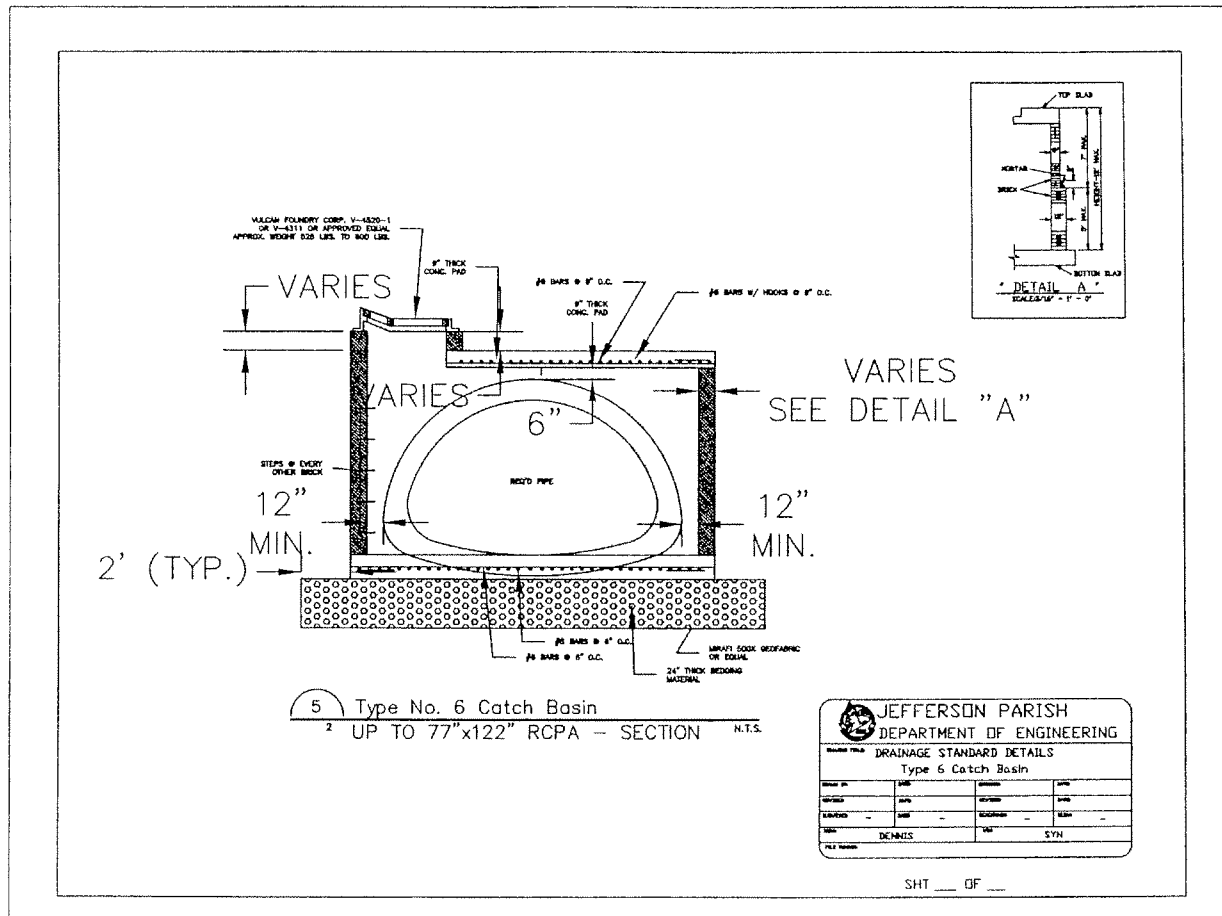


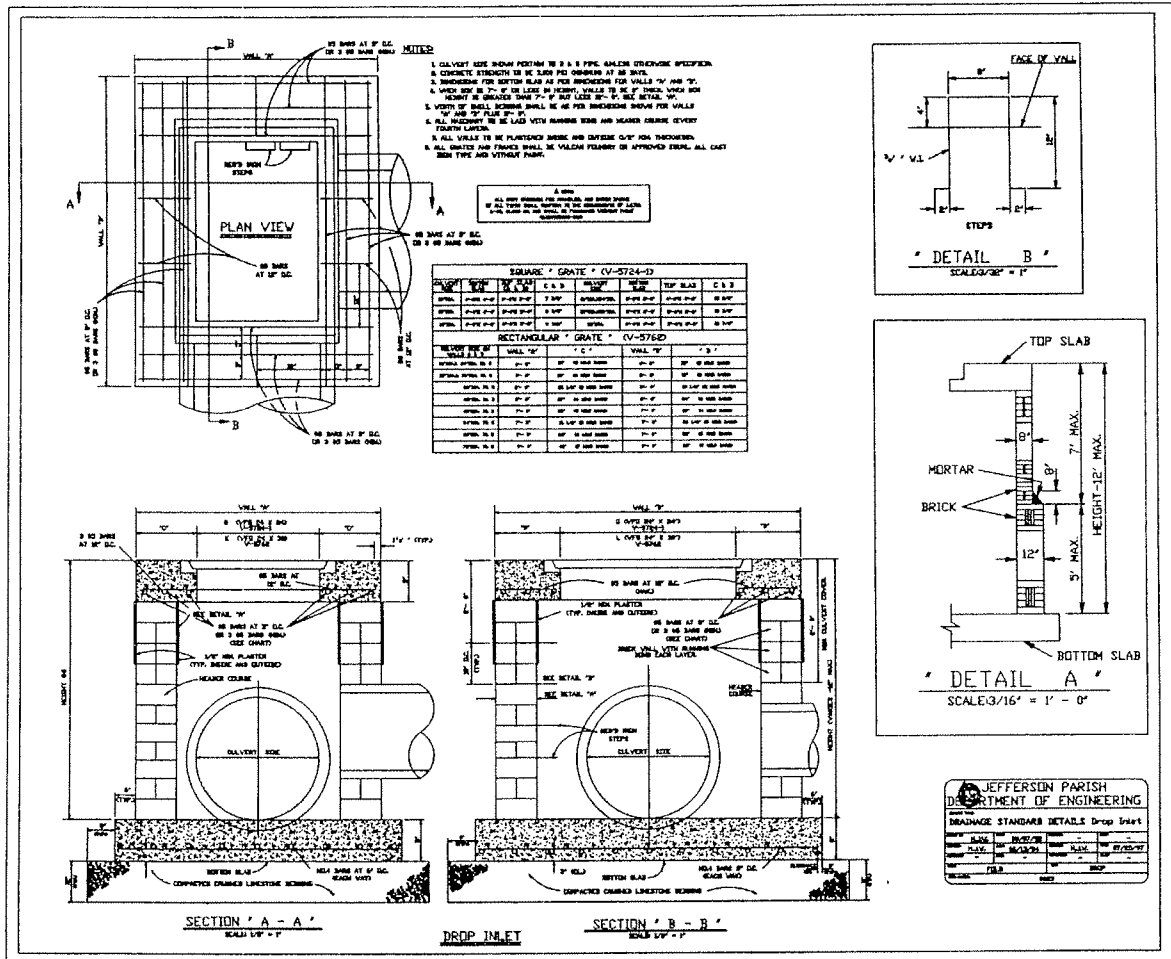


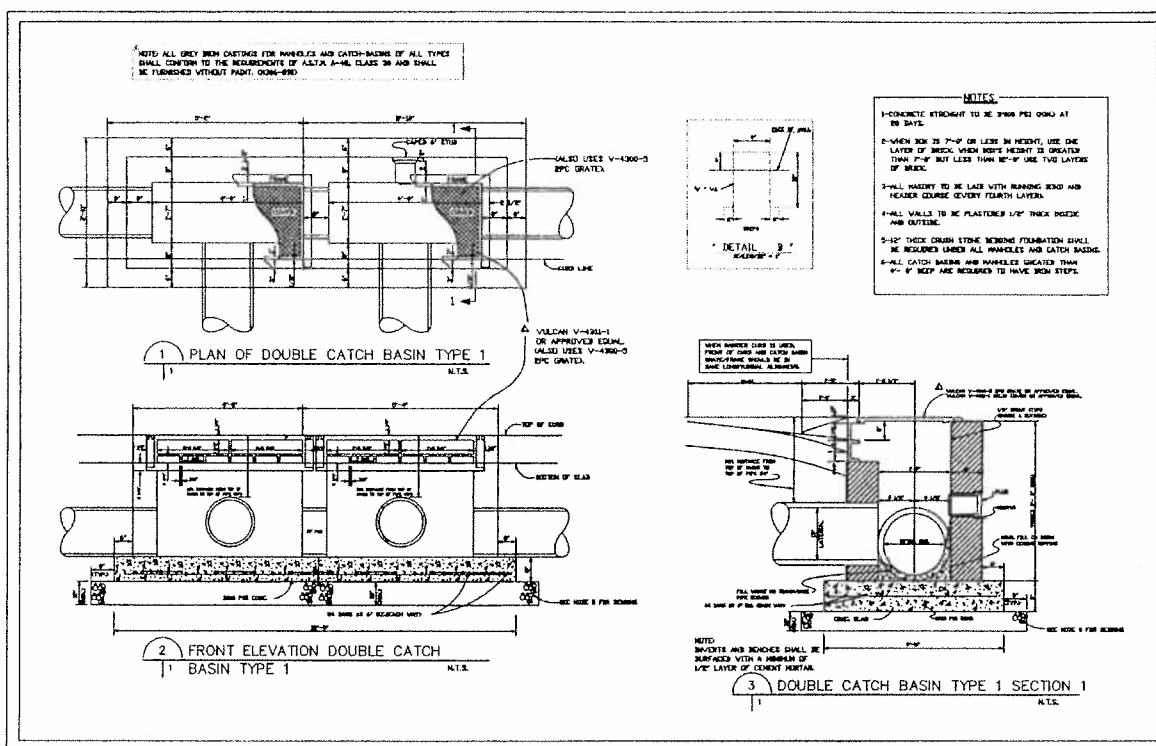


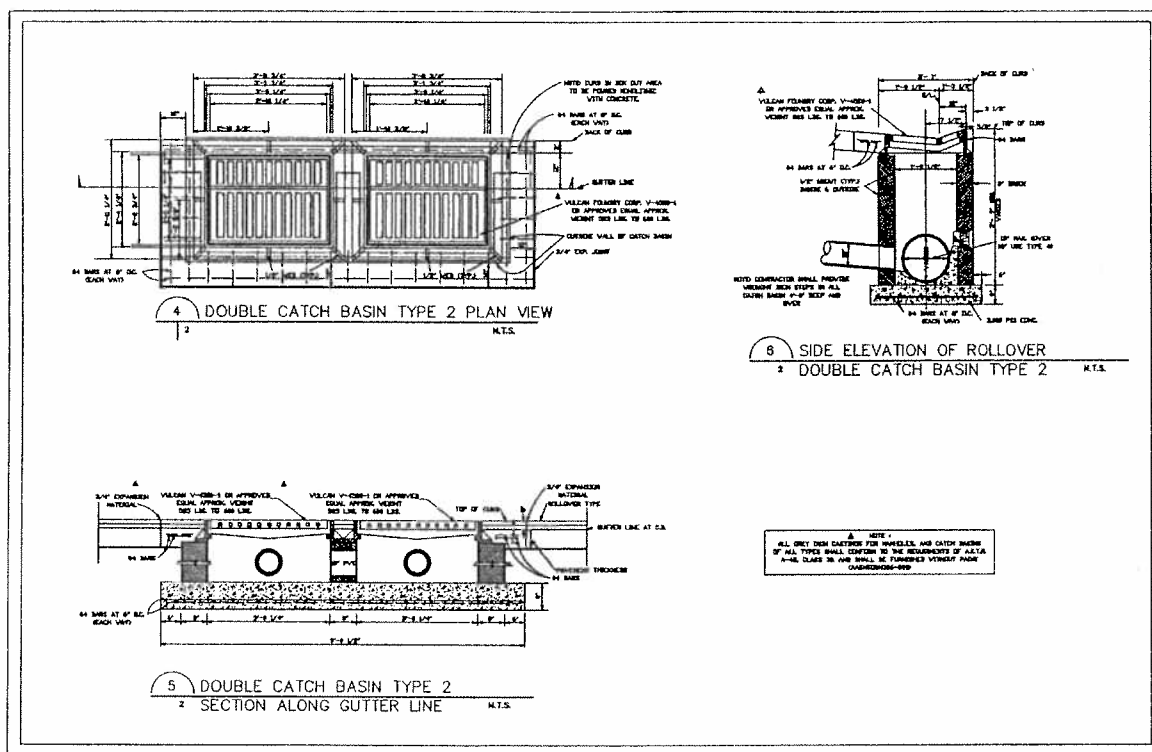
OFFSET CATCH BASIN TYPE NO. 5

 JEFFERSON PARISH DEPARTMENT OF ENGINEERING			
DRAINAGE STANDARD DETAILS Type 5 Catch Basin			
DESIGNED BY	D.L.B.	DATE	12/11/92
CHECKED BY	H.L.V.	DATE	03/16/97
APPROVED BY		DATE	
SCALE	DEANIS	DATE	SYN
FILE NUMBER	0025		













**PARISH OF JEFFERSON**

Department of Drainage

Estimate Form #JPD002

Date Issued: \_\_\_\_\_

Work Order #: \_\_\_\_\_

Job Location: \_\_\_\_\_

Project  
Description: \_\_\_\_\_

Item #	Description	Unit Cost	Quantity	Total Item Cost

Total Estimated Cost : \_\_\_\_\_

O&M Manager, Drainage

Assist. Director, Drainage

Director, Drainage

\_\_\_\_\_

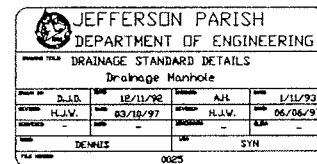
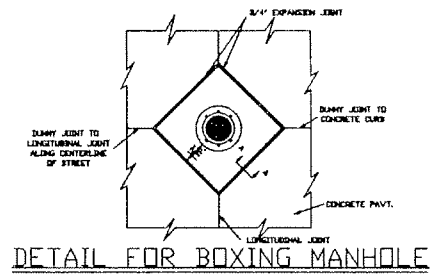
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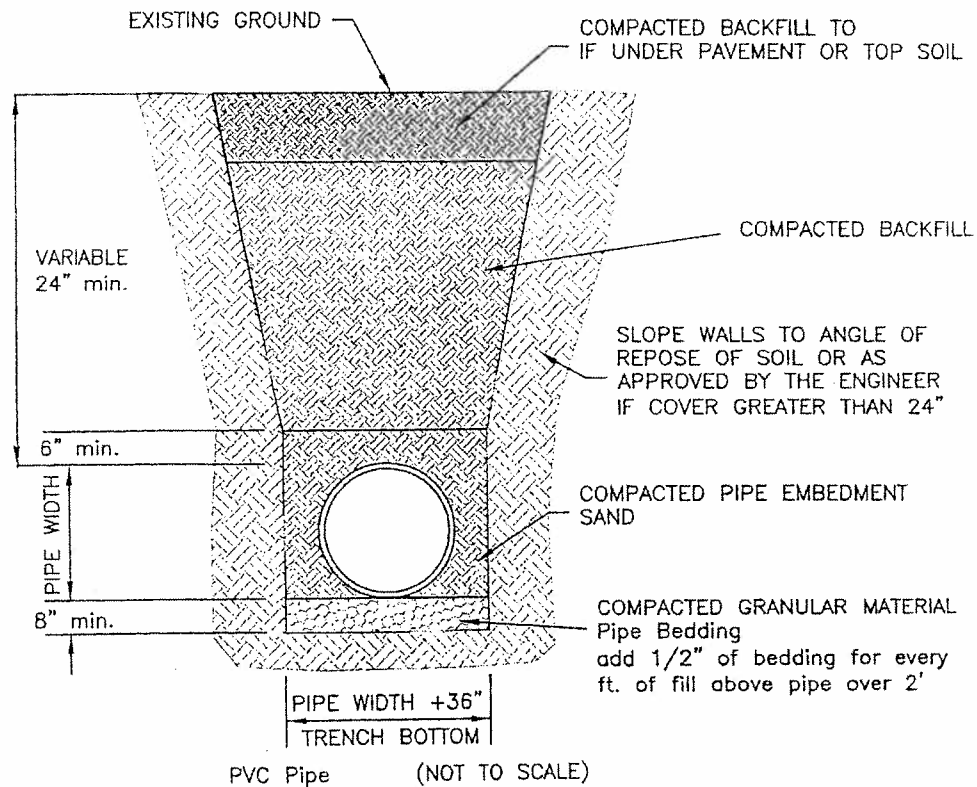
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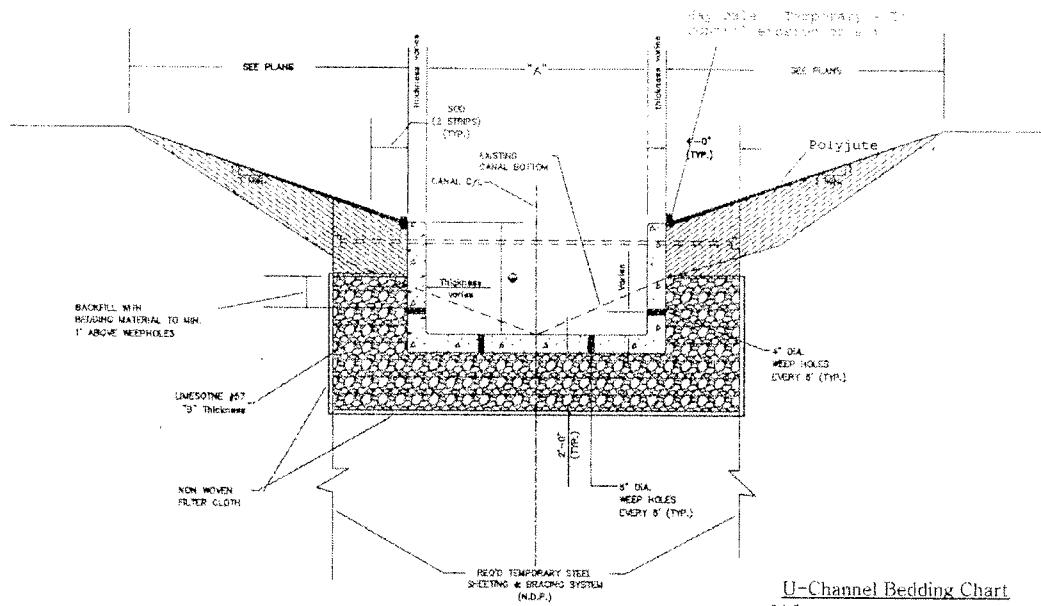
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Date



SHT 1 OF 5



STANDARD PIPE TRENCH DETAIL FOR PVC PIPE  
 Jefferson Parish Department of Drainage



U-Channel Bedding Chart	
"A"	"B"
Width of U-Channel	Bedding Thickness
4'	12"
6'	18"
8-10'	24"

TYPICAL CONC. U-CHANNEL DETAILS  
Jefferson Parish Drainage Department